

I CLAIM:

1. An anesthesia inducing composition comprising a gaseous mixture of oxygen and an anesthesia inducing effective amount of 2-(difluoromethoxy)-1,1,1,2-tetrafluoroethane.

2. The composition of claim 1 wherein the anesthesia inducing effective amount of the compound 2-(difluoromethoxy)-1,1,1,2-tetrafluoroethane is from about 1 volume percent to about 8 volume percent.

3. The composition of claim 2 wherein the anesthesia inducing effective amount of the compound 2-(difluoromethoxy)-1,1,1,2-tetrafluoroethane is from about 3 to about 7 volume percent.

4. A method of inducing anesthesia in a warm blooded animal comprising administering by inhalation to said warm blooded animal an anesthesia inducing effective amount of 2-(difluoromethoxy)-1,1,1,2-tetrafluoroethane as an inhalation anesthetic while administering a life supporting amount of oxygen.

5. The method of claim 4 wherein the anesthesia inducing effective amount per kg of said warm blooded animal is from about 1 volume percent to about 8 volume percent.

6. The method of claim 4 wherein the anesthesia inducing effective amount administered to said warm blooded animal is from about 3 percent to about 7 volume percent.

7. A method of producing a compound 2-(difluoromethoxy)-1,1,1,2-tetrafluoroethane comprising reacting a compound of the formula $\text{CHF}_2\text{OCHClCF}_3$ and a fluorine containing compound.